

## AMENDMENTS

### In the Claims:

1. *(Currently Amended)* A method for inhibiting T cell activation in a subject in need thereof, wherein the subject suffers from rheumatoid arthritis or allergy, comprising contacting the a T cell with an agent which inhibits phosphatidylinositol 3-kinase in the T-cell, wherein the agent is not a wortmannin, contacting the T cell with the agent inhibits production of IL-2 by the T cell and wherein the agent inhibits IL-2 production in vitro by at least 50% when about 1nM to about 100 nM of said agent is applied to T cells that are stimulated by B7-1 or B7-2, thereby inhibiting T cell activation in the subject suffering from rheumatoid arthritis or allergy.

2.-6. *(Canceled)*

7. *(Original)* The method of claim 1, further comprising contacting the T cell with a second agent which inhibits protein tyrosine phosphorylation in the T cell.

8. *(Original)* The method of claim 7, wherein the second agent is an inhibitor of a protein tyrosine kinase.

9. *(Original)* The method of claim 8, wherein the inhibitor of a protein tyrosine kinase is herbimycin A or a derivative or analogue thereof.

10. *(Withdrawn)* The method of claim 7, wherein the second agent is a tyrosine phosphatase or an activator of a tyrosine phosphatase.

11. *(Withdrawn)* The method of claim 10, wherein the tyrosine phosphatase is a cellular tyrosine phosphatase.

12. *(Withdrawn)* The method of claim 11, wherein the cellular tyrosine phosphatase is CD45 or HcpH.

13. (Withdrawn) The method of claim 12, wherein the second agent is a molecule which binds to and activates CD45.

14. (Withdrawn) The method of claim 13, wherein the second agent is an anti-CD45 antibody, or fragment thereof.

15-49. (Cancelled)